

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (860) 571-5100

ISSUED 11/15/01
11:36:57
FAX: (860) 571-5465

MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) Household Cement
Item No.: 23783
Product Type: Sealant

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
ACETONE	67-64-1	35-40
Vinyl terpolymer	9005-09-8	25-30
ISOBUTYL ACETATE	110-19-0	20-25
BIS (2-ETHYLHEXYL) PHTHALATE*	117-81-7	1-3
Epoxy stabilizer	Proprietary	1-3
PROPYLENE OXIDE*	75-56-9	1-3
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	112945-52-5	1-3

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ACETONE	500 ppm TWA 1188 mg/m ³	1000 ppm TWA 2400 mg/m ³	None
ISOBUTYL ACETATE	150 ppm TWA 713 mg/m ³	150 ppm TWA 700 mg/m ³	None
BIS (2-ETHYLHEXYL) PHTHALATE	5 mg/m ³ TWA	5 mg/m ³ TWA	None
PROPYLENE OXIDE	2 ppm TWA	20 ppm TWA 50 mg/m ³	5 ppm 6 ppm STEL
SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE	10 mg/m ³ TWA	6 mg/m ³ TWA	3 mg/m ³ TWA resp. dust

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ACETONE	750 ppm 1782 mg/m ³	None
BIS (2-ETHYLHEXYL) PHTHALATE	None	10 mg/m ³

3. HAZARDS IDENTIFICATION

Toxicity: Irritating to eyes. May cause burning, redness, or swelling. Ingestion may cause gastroenteric irritation, narcosis, liver or kidney injury. Irritating by inhalation. Inhalation of high concentrations may cause headache, confusion, drowsiness, convulsions, or coma. May irritate skin. Prolonged skin contact may cause redness, burning, dryness, or cracking.

Primary Routes of Entry: Skin, ingestion, inhalation, eye contact.

Signs and Symptoms of Exposure: Irritation of eyes, nose, throat. Central nervous system depression effects such as headache, confusion, drowsiness, convulsions. Drying, cracking, irritation of skin.

Existing Conditions Aggravated by Exposure: Skin conditions, lung disorders, possibly mild reversible liver and kidney disorders.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
ACETONE	BLO CNS IRR	NO	NO	NO
Vinyl terpolymer	No Data	NO	NO	NO
ISOBUTYL ACETATE	CNS IRR	NO	NO	NO
BIS (2-ETHYLHEXYL) PHTHALATE	AC3 CNS DEV KID LIV REP SOM	YES	N/A	NO
Epoxy stabilizer	No Data	NO	NO	NO
PROPYLENE OXIDE	AC3 COR IRR MUT NER SOM	YES	2A	NO

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3. HAZARDS IDENTIFICATION (continued)

SILICA, AMORPHOUS, FUMED,
CRYSTALLINE-FREE

NOI	NO	N/A	NO
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Abbreviations

N/A Not Applicable	2A Probably carcinogenic to humans
AC3 ACGIH animal carcinogen.	BLO Blood
CNS Central nervous system	COR Corrosive
DEV Developmental	IAR Irritant
KID Kidney	LIV Liver
MUT Mutagen	NER Nervous System
NOI Nuisance dust	REP Reproductive
SOM Some evidence of carcinogenicity	

4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation:	Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Wash with soap and water.
Eye Contact:	Flush with water for 15 minutes. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:	0 deg. F
Recommended Extinguishing Agents:	Waterfog, Carbon Dioxide, Foam, Dry Chemical
Special Firefighting Procedures:	Not available
Hazardous Products formed by Fire or Thermal Decomp	Oxides of carbon
Unusual Fire or Explosion Hazards:	Vapors may ignite explosively. Vapors may travel considerable distance to source of ignition and flash back.

Explosive Limits:
(% by volume in air) Lower 2.4%
(% by volume in air) Upper 12.8%

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak:	Remove sources of ignition. Maintains adequate ventilation. Take up with an inert absorbent. Store in a closed container until disposal.
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7. HANDLING AND STORAGE

Safe Storage:	Keep away from fire, heat, sparks.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)	
Handling:	Keep away from eyes. Avoid prolonged breathing of vapor and contact with skin. Close container after use.

8. EXPOSURE CONTROLS. PERSONAL PROTECTION

Eyes:	Safety glasses or goggles.
Skin:	Rubber or plastic gloves.
Ventilation:	Sufficient to maintain vapor concentration below TLV.
Respiratory	Not available

See Section 2 for Exposure Limits.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent liquid
Odor: Penetrating
Boiling Point: Not available
pH: Does not apply
Solubility in Water: Partial
Specific Gravity: 0.93
Volatile Organic Compound
(EPA Method 24): Not available
Vapor Pressure: 181 mm at 68°F
Vapor Density: More than 1
Evaporation Rate
(Ether = 1): Not available

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Oxidizing agents, strong alkalies, strong mineral acids.
Conditions to Avoid: Not available
Hazardous Decomposition Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: D001 - Hazardous waste per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Consumer Commodity (Not more than one liter);
Adhesives (More than one liter)
Hazard Class or Division: ORM-D (Not more than one liter);
Class 3, Packing Group II (More than one liter)
Identification Number: None (Not more than one liter);
UN 1133 (More than one liter)
Marine Pollutant: None
IATA
Proper Shipping Name: Consumer Commodity (Not more than 500 ml);
Adhesives (More than 500 ml)
Class or Division: Class 9 (Not more than 500 ml);
Class 3, Packing Group II (More than 500 ml)
UN or ID Number: ID 8000 (Not more than 500 ml);
UN 1133 (More than 500 ml)

15. REGULATORY INFORMATION

CA Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer.
Di(2-Ethylhexyl)Phthalate (DEHP)
Propylene Oxide

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 1
Fire Hazard: 3
Reactivity Hazard: 0

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16. OTHER INFORMATION

(continued)

Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1
Flammability Hazard: 3
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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Revision Date: March 13, 2000

Revision: 0025